

Allen County HamNews

Fort Wayne Radio Club

Allen County Amateur Radio Technical Society

October 2003

Volume 4 Issue 10

ARRL to sponsor ARECC/ARES seminar in Indiana

The ARRL will offer a free Amateur Radio Emergency Communications seminar on Friday, November 14, in conjunction with the Ft. Wayne Hamfest & Computer Expo in Ft. Wayne, Indiana. *The seminar will not include the Level I course itself.* See page 7 for details.

Space Environment Center Funding In Jeopardy

from *The ARRL Letter* – With final action pending by the US House and Senate on a Fiscal Year 2004 appropriations bill, the fate of the Space Environment Center (SEC) <<http://www.sec.noaa.gov/>> in Boulder, Colorado, hangs in the balance. The FY 2004 Senate appropriations bill has eliminated funds for the SEC and for all space weather-related activities in the center's parent agency, the National Oceanic and Atmospheric Administration (NOAA). The House version of the appropriations bill holds the center's funding at \$5.2 million. The White House requested \$8.3 million for the SEC. Seattle-based ARRL propagation bulletin editor Tad Cook, K7RA, says the possible loss of SEC's funding has him very concerned.

"The NOAA SEC provides all of the data for our weekly propagation bulletin <<http://www.arrl.org/wlaw/prop/>>," Cook said. "It is SEC staff that prepares the forecasts that I rely on when I tell readers what the geomagnetic and solar indices will be during a given forecast period." Cook encourages ARRL members to contact their senators and representatives in Congress <<http://thomas.loc.gov/home/legbranch/legbranch.html>>, urging them to restore the SEC's funding.

"The NOAA SEC provides all of the data for our weekly propagation bulletin."

The Space Environment Center provides real-time monitoring and forecasting of solar and geophysical events (see the Space Weather Now Web site <<http://www.sec.noaa.gov/SWN/>>). Those include solar flares and geomagnetic disturbances that can affect radio wave propagation. The SEC Radio User's Page <<http://www.sec.noaa.gov/radio/>> includes data and information specific to the current state of the ionosphere. The center also conducts research in solar-terrestrial physics and develops techniques to forecast solar and geophysical disturbances.

With the US Air Force, the SEC also operates the Space Weather Operations Center <http://www.sec.noaa.gov/AboutSEC/swo_page.html>, which serves as the national and

Continued on page 9

What's Inside

Fort Wayne Radio Club News & Meeting Information	pg. 2
FWRC Minutes	pg. 3
ACARTS News & Meeting Information	pg. 4
ACARTS Minutes	pg. 5
Hello To All Amateur Radio Operators - KB9IBW	pg. 5
First-ever US-Czech Republic EME QSO on 24-GHz	pg. 5
Ft Wayne DX Association (FWDXA) News:	
It's Contest Time!	pg. 6
Technical Articles Wanted	pg. 6
ARECC/ARES Seminar Info	pg. 7
ARRL Rebukes FCC Commissioner's	
"Broadband Nirvana" Remarks	pg. 8
For Sale & Wanted	pg. 9
Regional Hamfests	pg. 9
VE Exam Schedule	pg. 10
ECHO LINK Info	pg. 10
Membership Application	pg. 11
Activities Calendar	pg. 12

Allen County HamNews is a monthly joint publication of the Fort Wayne Radio Club (P.O. Box 15127, Fort Wayne, IN) and the Allen County Amateur Radio Technical Society (P.O. Box 10342, Fort Wayne, IN).

Please send any articles, corrections, for sale notices, etc. to the editor, Victor Guess, WB9UZA, wb9uza@arrl.net. Please put "for newsletter" in the subject line. Text should be plain ASCII, graphics should be JPEG or GIF. For those computer impaired: snail mail to 3311 Sanibel Drive, Fort Wayne, IN, 46815-4755.

Deadline for November issue is 11/7/2003.
Please do NOT send anything in all caps!!

Internet Home Pages:

Fort Wayne Radio Club:
<http://www.fortwayneradioclub.org>

ACARTS:
<http://www.acarts.com>
Ft Wayne DX Association:
<http://www.qsl.net/fwdxa/>

Hamsplatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

Officers

President:

Tom Baker
N9TB 747-2714
n9tb@arrl.net

Vice President:

Steve Nardin
WB9ZIY 483-4039
WB9ZIY@ARRL.NET

Secretary:

Al Burke
WB9SSE 637-1989
woffermom@cs.com

Treasurer:

Bob Streater
W8ST 672-9737
w8st@arrl.net

Communications Manager:

Richard Andrew
N9HRA 373-0644
n9hra@arrl.net

Board of Directors

Carole Burke
WB9RUS 637-1989
wb9rus@cs.com

Jim Moehring
KB9WWM 493-8326
servo300@aol.com

Brian Jenks
N9RYI 482-8506
n9ryi@hotmail.com

Vic Guess
WB9UZA 485-7472
wb9uza@arrl.net



President's Corner



Unfortunately for our newsletter editor the months seem to be rolling past faster than I can type my monthly few words to the club. October is here and there are still a lot of activities for the rest of the year.

October 17th will be our general meeting. We will have elections for the board positions for 2004. We still need a few people to volunteer to run so take some time to think about it. We will open nominations before the election. Also Jim, KB9WWM, has a presentation on propagation and the software he has been using to predict propagation. This is a fascinating subject so don't miss this one.

October 18th is the Boy Scout JOTA event. There is also a camporee for the weekend so we have a great opportunity to set up some stations and expose a lot of youth to amateur radio that weekend. If you can help, please contact one of the board members.

November will bring us the annual Fort Wayne Hamfest. I know that there are a number of good forums this year because our club members are giving at least three of them. Look for forums on the YLRL, ATV, and PSK31. We have a lot of knowledgeable people so take advantage of these forums.

A big thank you to everyone who made it to the FWRC September general meeting. We had some important business to discuss on a potential upgrade to the 146.94 repeater. I appreciate everyone who came and participated. We had a lot of good discussions. The majority agreed that an upgrade was a good idea, but the funding of the upgrade took some additional discussions. Everyone made the discussions very positive and it was a fun meeting. In the end, the motion was made for the club

to set aside \$400 toward the repeater upgrade and ask the club members match with \$400 for a total of \$800 to purchase a new controller for the repeater. After additional discussions the motion was seconded and passed. I have already received \$10 toward the members matching \$400. Let me know if you would like to donate to the controller fund. I have another \$30 committed so far. Other options for the member matching funds could include a fundraiser. Let me know what ideas you may have.

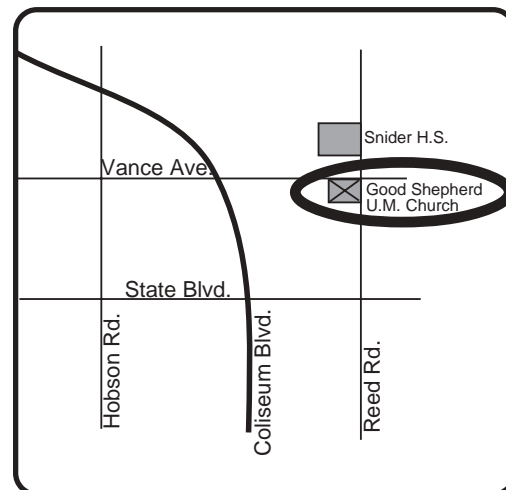
I have one other item I would like to quickly mention. I am thankful that our club is financially healthy. But in keeping with new electronic publishing and internet technology, we now have the newsletter available on the internet for a free download. As a result there may be some that think that the club expenses

Continued on page 3

October Meeting:

Fri, Oct. 17, 2003, 7:30 PM

Program: **Propagation** - Jim Moehring, KB9WWM,
also **Elections**





Fort Wayne Radio Club Minutes 19 September 2003

The September 2003 meeting of the Fort Wayne Radio Club was held at the Good Shepherd United Methodist Church with President Tom Baker as the host. There were about 19 persons present.

OLD BUSINESS:

There was no business meeting at August's tailgate ham-fest and hence there were no minutes.

Treasurer Bob Streeter provided a status of club finances as follows: As of 19 September 2003 the club had a year-to-date income of \$4,070.91 and expenses of \$3,230.25. Its assets included \$53.00 in cash and \$7,031.83 in Cashing/Checking. Total assets, including the estimated value of club property, were \$11,231.83.

Al Bowman reported that a Boy Scout Jamboree is scheduled for the weekend of 18-19 October and will provide the opportunity to expose between 400 to 500 scouts to Ham radio. As usual the club plans to support the Jamboree by setting up several stations at the Jamboree site for operation throughout Saturday the 18th. Al and the club are looking for volunteers.

NEW BUSINESS:

Tom Baker opened nominations for Club Officers and Board members in preparation for elections at the October meeting. At present the following members had agreed to run for office:

President - Tom Baker, N9TB
Vice President - Steve Nardin, WB9ZIIY
Treasurer - Bob Streeter, W8ST
Secretary - Al Burke, WB9SSE
Communications Manager - Brian Jenks, N9RYI
Editor - Vic Guess, WB9UZA
Board of Directors - Carole Burke, WB9RUS; Jim Moehring, KB9WWM; Larry Temenoff, KB9OS

There were no addition names added to the slate during the September meeting, but Tom noted that nominations would be reopened just prior to elections at the October meeting.

Tom Baker opened a discussion on the proposal to replace the controller for the 146.94 repeater, (a continuation of this subject that was addressed in his article in

the September Hamsplatter, and had been a matter of discussion before the Board for several months). He noted that there were several arguments for replacing the controller. These include the desire to provide a voice messaging capability on the .94 machine, and concern that the existing controller is out of production and thus becoming unsupportable. The proposed upgrade (new controller, controller software, message recorder and enclosure) would cost about \$800.00. There was a considerable amount of discussion and questions from the floor, which eventually resulted in a vote on the question "Should the Club replace the 146.76 Controller?" The resultant vote was in the affirmative. Following this vote the question of when the upgrade should be implemented was discussed. Tom noted that we had implemented the Port-a-Chicken event in the spring with the intent of raising some money to bolster the Treasury should we decide to proceed with a repeater upgrade. (As it turned out we realized about \$300.00 as a result of the Port-a-Chicken event, less than we had expected). After more discussion a vote was taken on a proposal to raise an additional \$400.00 in a follow-on fund raiser (for example, by another Port-a-Chicken event next Spring, by donations from club members, or by other methods yet to be determined), augmented with \$400.00 from the Club treasury to fund the repeater upgrade. Thus the upgrade would occur once a successful follow-on fundraiser event had occurred. The resultant vote was in the affirmative.

Respectfully submitted,
Al Burke, WB9SSE

Continued from page 2

have been reduced so that your dues are no longer important. Let me say that there are still a lot of expenses for our radio club. For example, renting the girl scout camp and making sure we have power for the whole time is an expense that we do not request anyone to reimburse. There continues to be expenses for work on the repeaters, power for the repeaters, insurance for club activities, post office box, etc. You get the picture. If you download the newsletter, if you enjoy using the club repeaters, if you still look forward to field day, check to see if you remembered to renew your club membership. Remember to renew for 2004 at the Hamfest. Remember to support your local radio clubs.

See you at the general meeting on the 17th.

Tom / N9TB

STATE OF THE ARTS

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS Officers

President

Vic Berko, KA9LTV
(260) 747-0938
vberko@comcast.net

Vice President

Dave Lindquist, W9LKH
(260) 485-6135
w9lkh@compuserve.com

Secretary

Kevin Crews, KC9BUR
(260) 492-5782
kcrews2@aol.com

Treasurer

Howard Pletcher, N9ADS
(260) 747-5252
n9ads@juno.com

ACARTS Managers

Activities OPEN

Emergency Preparedness

Dan Soper, KB9NGM
(260) 637-5787
dan996@aol.com

Communications

Victor Guess, WB9UZA
(260) 485-7472
wb9uza@arrl.net

Station Manager

Doug Jones, N9NNT
(260) 432-9277
n9nnt@comcast.net

Fundraising Manager

Jim Boyer, KB9IH
(260) 489-6700
kb9ih@arrl.net

W9INX Trustee

Doug Jones, N9NNT
(260) 432-9277
n9nnt@comcast.net

Tech Committee

Emery McClendon, KB9IBW
(260) 485-4120
kb9ibw@juno.com

President's Message



I would like to thank Tom Baker, N9TB for last month's program. He gave a very interesting presentation on PSK. We were able to have a live demonstration as we recently put up a dipole at Turnstone.

It gave us a chance to test the antenna, and it worked pretty good. We did a temporary hook up since we do not have a permanent pass through to the outside yet.

The coming months are busy ones for our club. We are in the final stages of preparing for our hamfest. All managers should have received their workers package by now, and are calling people who helped them last year. If you are a new ham, or new to the club or area, we can use your help. Call Jim Boyer, KB9IH, and ask where you can help out. It takes a lot of people to put on a hamfest. This is our big fund raiser that we use to maintain our repeaters.

Another item on our agenda is the nomination of officers for 2004. The nominations take place at the October general meeting. The final nominations, and elections take place at the November meeting. If you are interested in running for a office, let me know. The tentative date for the AC-ARTS Christmas party is December 13. More details on the party next month.

I have an update on the work on our club station at Turnstone. Last week I went there and was planning on moving the junction box to a new location. After looking at the way it was mounted, I decided that it would be easier to put up a new box. We would need a extension ladder to remove the current box, plus there is the issue of covering the hole that would be left behind. When it was originally installed, a three inch PCV pipe was used to feed the junction box. I was able to get the box open with the help of Jonathan, the maintenance guy at Turnstone. He was just able to reach the latches from a tall step ladder, and disconnect the coax cable. I also removed the PCV pipe that was mounted

to the wall in the art room.

I will get a smaller box, and put it just above the windows. This will let us use a step ladder to if we need access to the box. I also plan to get some PCV pipe to raise the dipole in the center and at the fence end. I hope to have this done by the end of October. That's all I have for this month.



73,
Vic, KA9LTV

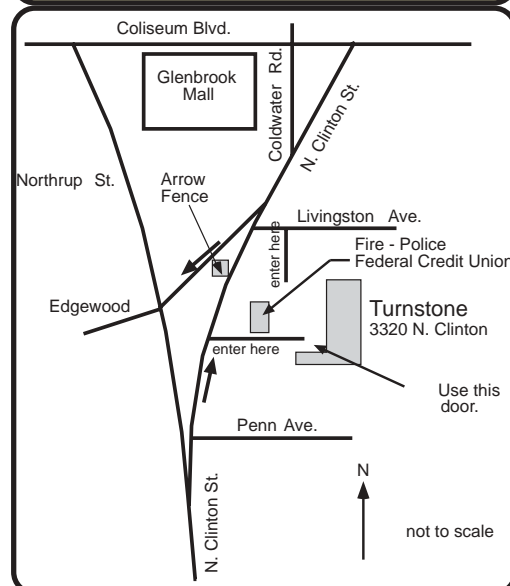
Meeting Schedule

All meetings are at 7:30 PM at Turnstone unless otherwise noted.

ACARTS General Meeting: officer nominations + TBD

Board Meeting: 10/14/2003
All members are encouraged to attend.

Tech Committee: no meeting this month



Hello To All Amateur Radio Operators from Emery / KB9IBW

It is hard to believe that summer is gone and the cold weather is upon us. It is time to finish up on all our outside projects related to antennas and tower work.

The Tech group had a busy year. We ran Special event stations for the Rally for America in Auburn, IN. and later went to Huntington, WV. to the National Rally for America.

I want to again thank all the operators for your help. You made the events a big success, and helped to get Ham Radio some public relations, via TV, and Radio. As I speak with Hams on HF, VHF, and Echolink, I still receive thanks for our clubs being there for our troops. It is nice to know that people are aware of what Amateur radio is doing for our communities.

On September 17, 2003 WOWO Radio once again called upon amateur radio for help. The AM news group, headed by Charlie Butcher, asked us to come on live on September 18 and do live updates of the hurricane that struck the East coast. They also wanted to have us tell about the role amateur radio plays with weather spotting, and emergency help during storms and other emergencies. The request was very short notice, and I was not sure if we could comply. With the help of W9VD, John, who made several phone calls to find someone to assist, Jim, W9FFT, and Bill N9NAI, who made the announcement on the Auburn Radio repeater net, we meet the request of WOWO Radio.

We were asked to come on from 0500 hrs. until about mid morning to do updates and interviews. I went to the station at 0500, before reporting to work, and did the 1st segment, and helped WOWO set up a computer to monitor the National Ham Radio Hurricane website. They were amazed at our detail, and expertise. Then throughout the morning Corky, KA9IYK, went live via remote to keep WOWO advised on conditions, and the role Amateur Radio was playing during activation.

I want to thank Corky for doing such a fine job on the air. He sounded like a real seasoned professional. Many people who listened to WOWO that morning had very nice comments about the job Corky did, and about amateur radio. Thanks to all who got involved including KA9IPA, Dennis, who tried to get the Van Wert, Ohio group to be a part of this event. Ham Radio once again showed the community that we can mobilize upon short notice and furnish the community with excellent service.

Sincerely;
Emery / KB9IBW

September 2003 ACARTS General Meeting Minutes



The meeting was called to order by Vic, KA9LTV.

Vic asked if anyone had any ideas for the program for the October meeting. He announced that the floor will be open for nominations for club officers and managers for 2004 at the October general meeting with the elections to be held at the November meeting.

Vic stated that Turnstone has given permission for us to drill a hole in the wall for feedline access for the club station and that they want the box and PVC pipe removed from the old location.

Jim, KB9HI, reported that preparations for the Hamfest are on schedule and he is recruiting volunteers to work at the Hamfest.

After refreshment, Tom, N9TB, gave a live demonstration of PSK31 and described the interfaces required for operating this digital mode.

Submitted by Dave Lindquist, W9LKH

Editor's Note: The ACARTS Board Minutes were not available.

First-ever US-Czech Republic EME QSO on 24-GHz

from *The ARRL Letter* – Shooting for the moon yields first-ever US-Czech Republic EME QSO on 24-GHz: Amateur Radio moonbounce (Earth-Moon-Earth, or EME) and microwave history was made September 24 at 1400 UTC when Josef Sveceny, OK1UWA, and Al Ward, W5LUA, completed the first-ever 24-GHz EME QSO between the Czech Republic and the US. “This was Josef’s first 24-GHz EME QSO, and he was my third initial on 24 GHz,” said Ward. He noted the successful effort marked the second scheduled attempt during September. OK1UWA has a 3-meter Prime Focus dish with 35 W at the feed, vertically polarized. W5LUA’s station is a 3-meter Prime Focus dish with 70 W at the feed, horizontally polarized to account for the spatial offset between NA and Europe. Previous international 24 GHz EME QSOs have taken place between the US and Canada, the US and Russia and Canada and Russia.



Ft Wayne DX Association

It's Contest Time! - James Wolf KR9U

If you've never played around in a DX contest, get prepared and start with the upcoming fall contests. You can always see what contests are on the horizon by going to the Fort Wayne DX Association web page at <http://www.qsl.net/fwdxa/>, then select contest calendar from the blue sidebar menu. There will be somewhere around 300 DX countries on the air during one of the major contests, and with a minimum of equipment, you can easily work 100 countries in a single weekend.

Have you ever wondered why there are few DX contests in the summer and why there are many contests in the fall and spring? Well, propagation conditions become more balanced when the number of hours of sunlight and darkness are equal in both hemispheres. This is called the Equinox period, and occurs in the spring and fall. The CQWW contests seem to me to have the best propagation weekends nailed. Below are some general rules you can use to determine current propagation probabilities.

1) Dropping indices numbers are better, except for solar flux on HF.

2) For medium frequencies (below 3 MHz), a solar flux under 150, or under 100 is better, 70 is best for E layer multi hop. Keep in mind, though, that the 10.7 cm (2800 MHz) solar flux index is not a "reliable" gauge of ionization in our atmosphere, as the energy

of photons at this frequency is too low (on the order of one million times too low).

3) For high frequencies a solar flux of 100 is okay, 150 better, above 200 best for F layer multi hop.

4) Solar flux of at least 100 for E valley-F layer ducting mechanism on the low bands.

5) Previous 24 hour Ap index under 10, under 7 for several days consecutively is best.

6) Previous 3 hour Kp index under 3 for mid latitude paths, under 2 for high latitude paths, 0-1 for several days consecutively is best.

7) For 160m, energetic protons no greater than 10 MeV (10+0).

8) Again for 160m, background x-ray flux levels less than C1 for several days consecutively.

9) No current STRATWARM alert.

10) When the Kp index is above 3, an IMF Bz with a positive (+) sign indicates a lesser chance of high latitude path auroral absorption, unpredictable refraction, or scattering of MF RF signals.

There are a myriad of web sites available that deal with propagation and current forecasts. Send an e-mail to Carl, K9LA, at k9la@gte.net for the best places to look.

A final comment - the Internet telnet address for the DX cluster could be changing. If this happens, check the FWDXA web-page at the top for the latest address.

Technical Articles Wanted

Your newsletter editor is looking for a knowledgeable person or several to write several articles for the newsletter on a subject that seems to be somewhat neglected in the ARRL publications.

The subject is feedline entry techniques. What are some tried and true methods of getting feedlines, rotor cables, etc. into your shack and keeping the weather, water, critters, and lightning out? Some folks just raise the window a few inches and sandwich the feedlines between foam then shut the window but what if you have no nearby window? I'm looking for some methods that will work for different shack locations whether you are in an upstairs room or basement. What are the best methods of routing balanced ladder line into a shack? Attention should be paid to grounding methods and lightning protection too.

This could be a series of articles perhaps by multiple authors with different approaches.

The Editor

Are you interest in

EMERGENCY COMMUNICATIONS and HOMELAND SECURITY?

The ARRL is going to sponsor an ARECC/ARES seminar in Indiana

The ARRL will offer a free Amateur Radio Emergency Communications seminar on *Friday, November 14*, in conjunction with the Fort Wayne Hamfest & Computer Expo in Fort Wayne, Indiana*. This program is designed to explain in greater detail the duties of all Amateur Radio Emergency Communications Course participants and how their volunteer efforts are essential to the ARES Field Organization. Senior Citizens are strongly encouraged to participate.

“With the continuing support of our federal homeland security grant from the Corporation for National and Community Service, and the national grant from our corporate partner, United Technologies Corporation, ARECC participants are reinforcing the ARES Field Organization. This seminar will explain the importance of every team player with emphasis on using lessons learned to effectively move Amateur Radio emergency communications to the next level,” said ARRL Emergency Communications Course Manager Dan Miller, K3UFG.

All ARES volunteers, ARECC course participants, and Field Organization leadership will be invited. Course participants at every ARECC level - Mentors, Certification Instructors, Certification Examiners and current students - will be encouraged to come and share with everyone their experiences with the ARECC Program. Field Organization Leadership - SMs, SECs, DECs and ECs - will also be invited to join in the brainstorming with ideas for motivating volunteers and coordinating activities. We will focus on coordination between ARECC volunteers and students, and their integration into the Field Organization, helping us to provide the community impact stressed by CNCS for year 2.

Attendees will receive handouts and be eligible for a prize drawing at the end of the seminar. The seminar will be held at the

**TURNSTONE CENTER, 3320 North Clinton Street in Fort Wayne
from 1 to 5 PM on Friday, November 14
and *is open to all interested hams.***

Seating may be limited. Contact Dan Miller, K3UFG (k3ufg@arrrl.org, 860-594-0340, FAX 860-594-0259) at ARRL HQ if you plan to attend.

Seminar attendance does not include admission to the convention. For more information on the ARRL Fort Wayne Hamfest, visit the hamfest web site at www.fortwaynehamfest.com For a map to the Turnstone Center, go to www.acarts.com/images/tstone.jpg

** The seminar will not include the Level I course itself.*



ARRL Rebukes FCC Commissioner's "Broadband Nirvana" Remarks

from *The ARRL Letter* – The ARRL has strongly objected to FCC Commissioner Kathleen Q. Abernathy's suggestion that Broadband over Power Line (BPL) technology will contribute to what she described as "broadband Nirvana." Addressing the United Powerline Council's annual conference September 22 in Arlington, Virginia, Abernathy expressed unabashed enthusiasm for BPL and recommended a combination of regulatory restraint and the elimination or substantial modification of existing rules as steps along the "path to Enlightenment," as she put it. In a terse response faxed September 25 on behalf of the League's 155,000 members, ARRL Chief Executive Officer David Sumner, K1ZZ, asserted that Abernathy overlooked some significant issues in her Nirvana analogy.

"Nightmare is more like it," Sumner declared. "The technical showings submitted by the ARRL and others in response to the Commission's Notice of Inquiry (NOI) in ET Docket No. 03-104 clearly establish that BPL is a significant source of radio spectrum pollution. It cannot be implemented without causing harmful interference to over-the-air radio services."

Sumner told Abernathy that while BPL industry groups, such as the one she addressed this week, prefer to deny the evidence, the FCC is obliged to work to a higher standard.

The League characterized BPL as "a Pandora's Box of unprecedented proportions"

In its comments in response to the FCC NOI, the League characterized BPL as "a Pandora's Box of unprecedented proportions" and said the

Commission's Part 15 rules "should be modified so as to prevent interference to users of the HF and low VHF spectrum" from the outset.

Abernathy's speech, "Reaching Broadband Nirvana," never broached the topic of BPL's potential to interfere with other radio services. Recently, the National Telecommunications and Information Administration (NTIA) <<http://www.ntia.doc.gov>>—which regulates spectrum allocated to federal government users—expressed "broad concerns" about interference to government users and launched an

extensive modeling, analysis and measurement program for BPL. In his letter, Sumner reminded Abernathy that the radio spectrum is a precious natural resource.

"To squander that resource simply to add a redundant, unnecessary, and relatively poorly performing 'last mile' connection for consumers, is unconscionable," he said. Sumner expressed the hope that Abernathy will give the League an early opportunity to explain its BPL concerns to her in person.

In her remarks to the UPLC gathering, Abernathy contended that it's been regulatory restraint rather than heavy-handed regulation that has allowed nascent platforms such as direct broadcast satellite (DBS) to become competitively viable. "When the Commission completes this rulemaking," she said, "I expect that we will eliminate many existing rules and substantially modify others; the central question is the degree of regulation that will remain during the transition to a more robustly competitive market."

Individuals may e-mail Abernathy via her FCC Web site <<http://www.fcc.gov/commissioners/abernathy/mail.html>> or directly <kabernat@fcc.gov>. The text of her prepared remarks also is available on the FCC Web site

<http://hraunfoss.fcc.gov/edocs_public/attachmatch/DOC-239079A1.doc>.

The League's initial 120-page package of comments and technical exhibits <<http://www.arrl.org/announce/regulatory/et03-104/>> and its reply comments <<http://www.arrl.org/announce/regulatory/et03-104/reply-comments-index.htm>> are available on the ARRL Web site. Additional information and BPL video clips are on the ARRL "Power Line Communications (PLC) and Amateur Radio" page <<http://www.arrl.org/tis/info/HTML/plc/>>.

To support the League's efforts in this area, visit the ARRL's secure BPL Web site <<https://www.arrl.org/forms/development/donations/bpl/>>.

To date, more than 4600 comments—many from the Amateur Radio community—have been filed in response to the FCC's BPL NOI. They are available for viewing via the FCC's Electronic Comment Filing System (ECFS) <<http://www.fcc.gov/cgb/ecfs/>>.

Funding, continued from page 1

world warning center for disturbances that can affect people and equipment—such as astronauts and communications satellites—working in the space environment.

“It is the government’s official source for alerts and warnings of disturbances,” Center Director Ernest Hildner explained in a recent posting to SEC clients.

A Senate Appropriations Committee Report included a terse explanation on funding cut. “The ‘Atmospheric’ in NOAA does not extend to the astral,” the report said. “Absolutely no funds are provided for solar observation. Such activities are rightly the bailiwick of the National Aeronautics and Space Administration and the Air Force.”

The Department of Defense, NASA and the Federal Aviation Administration are among the SEC’s customers, which also include the airlines, electric power grid operators, communications facilities, satellite operators, the National Space Weather Program and commercial providers of value-added space weather services.

Hildner said that unless the SEC’s appropriation level is increased in a House-Senate conference committee, the most optimistic outlook is that the SEC will shrink to less than half its capability—the House funding level—or go away altogether under the Senate bill.

“In this case,” he concluded, “the nation’s space weather service will have to be reconstituted in some other agency, at greater cost and lesser capability, to meet the nation’s needs.”

For Sale & Wanted

For Sale:

- Equipment rack, double wide, 44"W, 50"H, 17"D, disassembled, \$40
- Equipment rack, desk top, 21"W, 16"H, 15"D, \$20
- QST magazine collection 1957 to 1999, \$20



Mike Stein, WB9NOO, 456-6544, mstein@gobroadway.org

* * *

For Sale:

- YAESU FT-707 HF TRANSCEIVER. 80 to 10 plus WARC bands. 100 watts output, CW, SSB, 40 watts AM. Very rugged, good mobile rig. Excellent receiver with very good BDR characteristics. (crystal mixed, ham bands only) \$300 firm.
- ICOM IC-260A 2 meter Transceiver, SSB, CW, FM. 10 watts out with 1 watt QRP setting. Mobile size rig. Works great. \$100 firm.

From FWRC:

- Hy-Gain TH-4 tribander. Decent condition, on ground, needs new clamps.
- CushCraft 5 element 6-meter beam. Cut for 50.110 MHz. Very good condition, on ground.

Steve Nardin, WB9ZIY, 260-483-4039 Fort Wayne, IN

NOTE: For Sale & Wanted items will be listed for 2 months only unless the ad is resubmitted. If you sell an item the first month, please contact the editor so the item can be removed.

Regional Hamfests

<u>Date</u>	<u>Location</u>	<u>Contact Phone</u>	<u>URL or E-mail</u>
12 Oct 2003	Kalamazoo, MI	269-624-1156	http://www.KalamazooHamRadio.com
26 Oct 2003	Warren, MI	586-791-4669	http://useca.net
31 Oct -			
1 Nov 2003	Holland (Zeeland), MI	616-396-2294	w8gcw@arrl.net
15-16 Nov 2003	Fort Wayne, IN	260-484-1314 (info)	http://www.fortwaynehamfest.com
7 Dec 2003	Harrison Twp., MI	586-465-2797	http://www.n8lc.org
14 Dec 2003	Greenfield, IN	317-326-1659	http://www.w9atg.org

For more complete information go to <http://www.acarts.com/hamfests.htm> or <http://www.arrl.org/hamfests.html#listing>



Test Points

09-Oct-2003

Sponsor: GOSHEN ARC

Time: 7:00 PM (Walk-ins allowed)

Contact: LYLE L LONG

(574)875-8455

Email: N1LL@JUNO.COM

VEC: ARRL/VEC

Location: GREENCROFT RETIREMENT CENTER
HOMAN BUILDING

GREENCROFT BLVD

GREENCROFT RETIREMENT CTR

GOSHEN, IN 46525

25-Oct-2003

Sponsor: UNSPONSORED

Time: 2:00 PM (No walk-ins)

Contact: ROBERT E HIGH

(419)795-5763

VEC: ARRL/VEC

Location: EMA BLDG

1220 LINCOLN HWY

VAN WERT, OH 45891

01-Nov-2003

Sponsor: FORT WAYNE VE TEAM

Time: 9:00 AM (Walk-ins allowed)

Contact: WILLIAM C HALL

(260)485-3995

Email: WD9HII@ARRL.NET

VEC: W5YI VEC

Location: ALLEN COUNTY PUBLIC LIBRARY

536 E DUPONT RD

DUPONT BRANCH

FORT WAYNE, IN 46825

15-Nov-2003

Sponsor: FORT WAYNE HAMFEST & COMPEXPO

Time: 9:00 AM (Walk-ins allowed)

Contact: WILLIAM C HALL

(260)485-3995

Email: WD9HII@ARRL.NET

VEC: W5YI VEC

Location: ALLEN COUNTY WAR MEMORIAL COL

4000 PARNELL AVENUE

FORT WAYNE, IN 46802

22-Nov-2003

Sponsor: UNSPONSORED

Time: 2:00 PM (No walk-ins)

Contact: ROBERT E HIGH

(419)795-5763

VEC: ARRL/VEC

Location: EMA BLDG

1220 LINCOLN HWY

VAN WERT, OH 45891

29-Nov-2003

Sponsor: W5YI-VEC — WHITLEY COUNTY ARC

Time: 9:00 AM (Walk-ins allowed)

Contact: ROGER L MC ENTARFER

(219)691-3009

Email: N9QCL@ARRL.NET

VEC: W5YI VEC

Location:

BASEMENT MEETING ROOM

101 W MARKET ST - SUITE C

WHITLEY COUNTY JAIL

COLUMBIA CITY, IN 46725

24-Jan-2004

Sponsor: UNSPONSORED

Time: 2:00 PM (No walk-ins)

Contact: WALTER C VOGEL

(419)394-2976

Email: AWVOGEL@BRIGHT.NET

VEC: ARRL/VEC

Location: VAN WERT COUNTY EMA OFFICE

1220 LINCOLN HWY

VAN WERT, OH 45891

Reminder: Please send changes of mailing address, e-mail address, phone #, or call sign to the secretary of the club to which you belong. They do not go to the newsletter editor.

ACARTS Secretary: Kevin Crews, KC9BUR, 260-492-5782, kcrews2@aol.com

FWRC Secretary: Al Burke, WB9SSE, 260-637-1989, woffermom@cs.com

ECHO LINK Info

ECHO LINK NODE:

maintained by: KB9RLW

Simplex Frequency: 145.700 FM only

Node number: 16686

Random connection: dial "00"

Hang up or disconnect: dial "#"

Identify: dial "*"

Membership Application for ☐ FWRC - and/or - ☐ ACARTS

Name: _____ Call sign: _____ License class: _____

Street address: _____ City: _____

State: _____ ZIP: _____ -⁴ _____ Phone #: (____) _____ - _____ Unlisted? ☐ Yes

Email address: _____ ARRL Member? ☐ Yes

May we list your name, call & email address in our membership roster and on our club web site? ☐ Yes ☐ No

Both clubs now offer this newsletter as a downloadable (Adobe Acrobat) PDF file, in lieu of a paper copy sent through the mail. For FWRC a mailed paper newsletter is a \$6.00/yr. premium.

How would you like your newsletter delivered? ☐ by snail mail ☐ download from web site.

Fort Wayne Radio Club Dues

Regular membership ☐ \$15.00 / year
 Family membership ¹ ☐ \$21.00 / year
 Student membership ² ☐ \$6.00 / year
 Associate membership ³ ☐ \$15.00 / year
 Mailed newsletter ☐ \$6.00 / year

(Memberships for Jul - Dec are 1/2 the stated amounts.)

A.C.A.R.T.S. Dues

Regular membership ☐ \$12.00 / year
 Additional family members ¹ ☐ \$6.00 / year
 Student membership ² ☐ \$6.00 / year
 Associate membership ³ ☐ \$6.00 / year

(New Regular memberships are \$1/month)

1. Please list all names and calls on an attached sheet.

2. K-12 or full time student

3. unlicensed member

4. 9 digit ZIP code required for US bulk mail

Please attach a check (number _____) for the appropriate amount and bring to a club meeting or mail to:

Fort Wayne Radio Club
 PO Box 15127
 Fort Wayne, IN 46885

A.C.A.R.T.S.
 PO Box 10342
 Fort Wayne, IN 46851

For dual membership, fill out both sides and send 2 checks to either club. **Payment by check is strongly encouraged!**

ACARTS Voice Repeaters

146.880 (-) General use / Skywarn priority
 147.255 (+) General use / Autopatch priority*
 443.800 (+) General use

(All repeaters have autopatch, but 88 has only speed dial emergency #'s.)

ACARTS Digital Repeaters (digipeaters)

144.390 (s) APRS - wide*
 145.010 (s) General use, NETROM (FWA) - wide*
 223.660 (s) BBS use ONLY NETROM (FWA220) - wide*
 * – temporarily out of service

Fort Wayne Radio Club Repeaters

Voice: 146.76 (-) General use
 146.94 (-) General use with autopatch
 146.91 (-) Autopatch only
 444.875 (+) General use
 ATV: 439.25 In, 910.250 Out, 144.340 Audio & control

Area Traffic Nets

(please submit any changes or corrections to the editor)

IMO: meets nightly at 6:30 p.m. (2330 UTC) on 146.88
Auburn: meets Mon., Tue., Wed., Thur., Fri., & Sat. at 6 p.m.
 (2300 UTC) on 147.36(+)

21 Repeater Group: meets each Wednesday at 9 p.m. (0200 UTC) on 147.150

Helping Hands Net: Mondays @ 9:00 p.m. 146.94(-)

Miscellaneous Nets

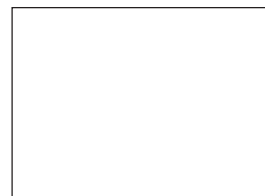
Huntington ARES: Saturday at 8:00 p.m. (0100 UTC) on 146.685

Whitley Co. / ARES: Wednesdays at 7:15 p.m. (0015 UTC) on 145.270 (Note 131.8 PL disabled for all nets)

Whitley Co. Sunday: Sundays at 7:45 p.m. (0045 UTC) on 444.550 +. (The 146.460 simplex crossbanding from both nets has been dropped.)

Six Meter AM net (informal): Every Saturday night at 7:00 p.m. and Sunday at 8:30 p.m. on 50.580 MHz .

Allen County HamNews
PO BOX 10342
FORT WAYNE, IN 46851



TO:



Activities Calendar



Date	Time	Event	Place
10/7/03	7:00 PM	FWRC Board Meeting	GSUMC
10/14/03	7:30 PM	ACARTS Board Meeting	Turnstone Center
10/17/03	7:30 PM	FWRC General Meeting	GSUMC
10/18-19/03		JOTA	Camp Chief Little Turtle
10/21/03	7:30 PM	ACARTS General Meeting	Turnstone Center
11/7/03		deadline for Nov. ACHN items	
11/11/03	7:00 PM	FWRC Board Meeting	GSUMC
11/11/03	7:30 PM	ACARTS Board Meeting	Turnstone Center
11/14/03	1:00 - 5:00 PM	ARECC/ARES Seminar	Turnstone Center
11/15-16/03		Ft. Wayne Hamfest	Coliseum
11/18/03	7:30 PM	FWRC General Meeting	GSUMC
11/21/03	7:30 PM	FWRC General Meeting	GSUMC